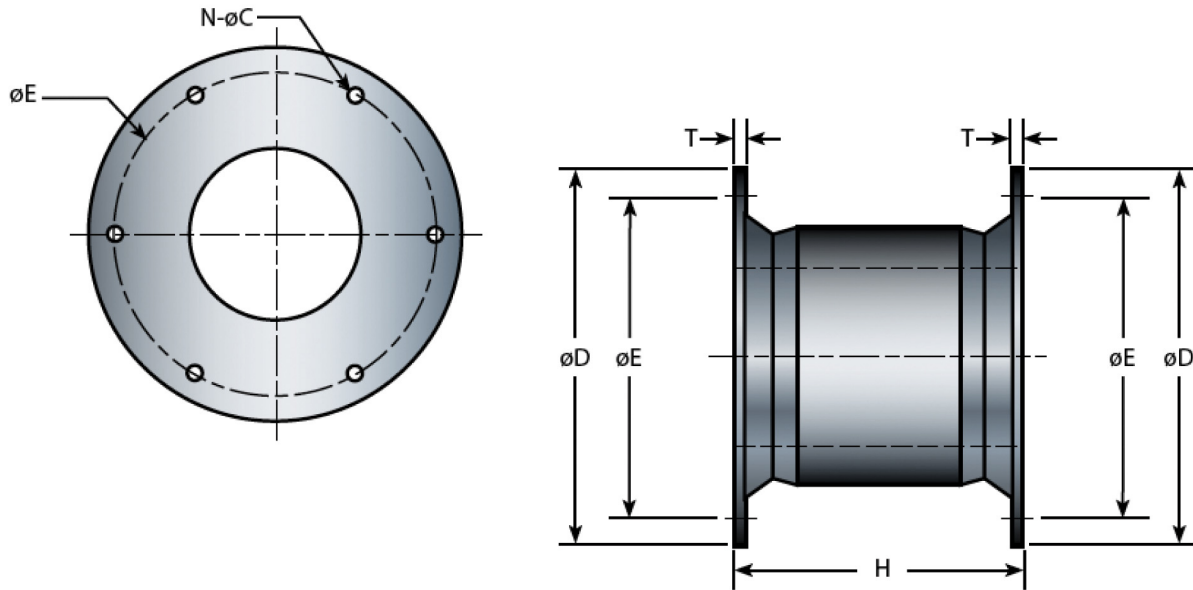


Cell fenders are the most durable rubber fenders available and are currently the largest moulded fenders made. Among all types of fenders, cell fenders offer minimum reaction per ton-meter energy absorbed. The very geometrical shape gives it sturdiness, shear resistance, compact structure and the capacity to absorb energy equally from all directions. Fendguard's cell type fenders are available in the widest range of sizes with characteristics including:

- Good energy absorption to reaction force ratio (E/R)
- Integrated and fully-embedded fender flanges make assembly and installation simple
- Good shear force resistance due to the large diameter of the fender flanges
- Large fender footprint with good force distribution could lead to relative light panel construction



Model	H	ØD	ØE PCD	T	N - ØC	Bolt Size
Metric (mm)	1000	1300	1100	35	6-47	M36
Imperial (in)	39.4	51.2	43.3	1.38	6-1.85	1-3/8

STANDARD RUBBER GRADE PERFORMANCE

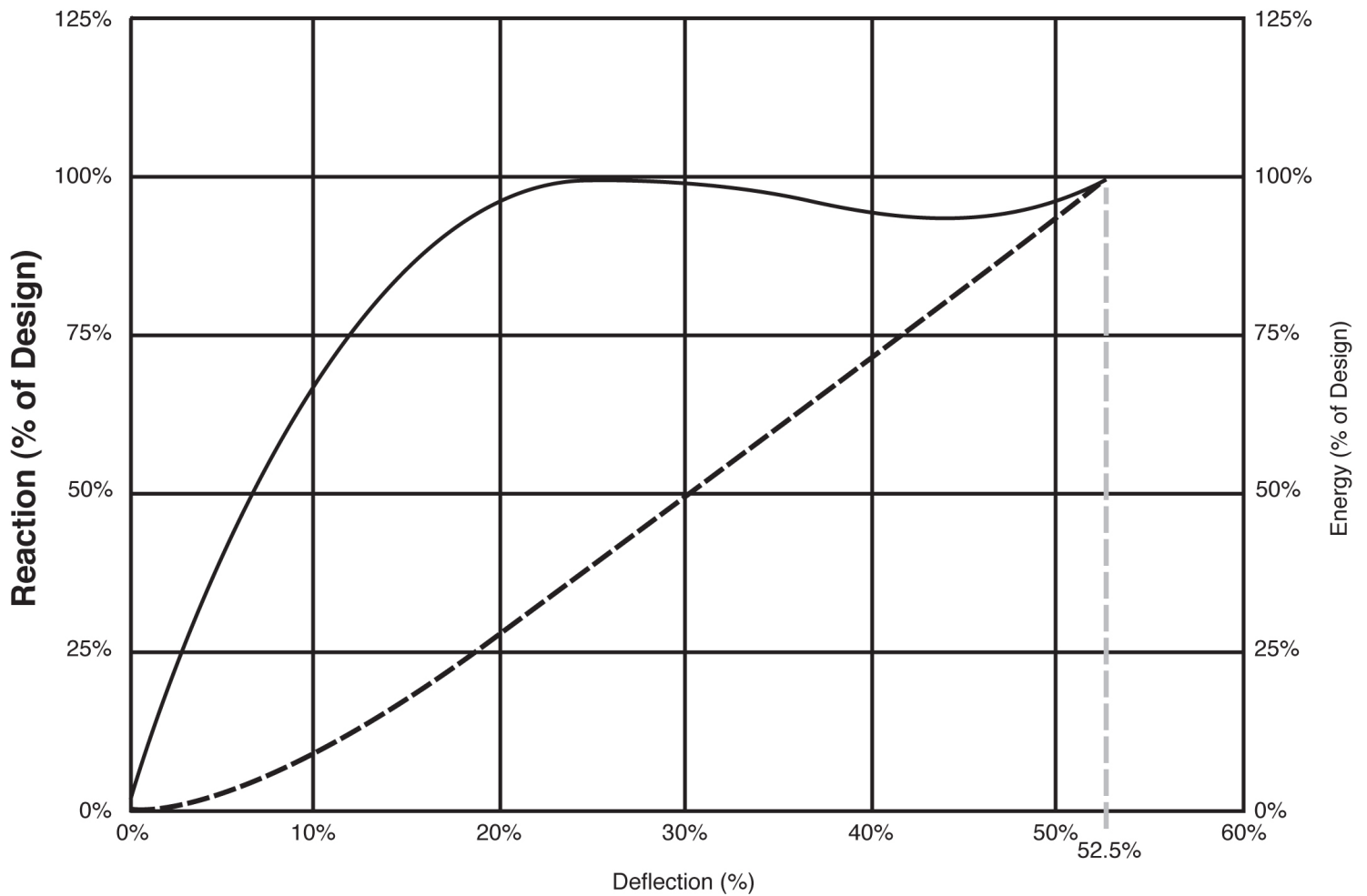
CL-FG-1000	G4		G3		G2		G1		G0	
	R	E	R	E	R	E	R	E	R	E
Metric (kN : kN-m)	737	324	655	287	567	249	436	191	349	153
Imperial (k : ft-kips)	166	239	147	212	127	184	98	141	78.5	113

INTERMEDIATE RUBBER GRADES | Metric Units are in kN and kn-m Imperial units are in kips and ft-kips

Grade	Reaction/Energy	Metric	Imperial	Grade	Reaction/Energy	Metric	Imperial
G0.1	R	358	80.4	G2.1	R	602	135
	E	157	116		E	264	195
G0.2	R	366	82.4	G2.2	R	611	137
	E	161	118		E	268	198
G0.3	R	375	84.3	G2.3	R	139	139
	E	164	121		E	272	200
G0.4	R	384	86.3	G2.4	R	602	135
	E	168	124		E	264	195
G0.5	R	393	88.2	G2.5	R	611	137
	E	172	127		E	268	198
G0.6	R	401	90.2	G2.6	R	139	139
	E	176	130		E	272	200
G0.7	R	410	92.2	G2.7	R	629	141
	E	180	132		E	276	203
G0.8	R	419	94.1	G2.8	R	637	143
	E	183	135		E	279	206
G0.9	R	427	96.1	G2.9	R	646	145
	E	187	138		E	283	209
G1.0	R	436	98.0	G3	R	655	147
	E	191	141		E	287	212
G1.1	R	449	101	G3.1	R	663	149
	E	197	145		E	291	214
G1.2	R	462	104	G3.2	R	671	151
	E	203	149		E	294	217
G1.3	R	475	107	G3.3	R	680	153
	E	208	154		E	298	220
G1.4	R	488	110	G3.4	R	688	155
	E	214	158		E	302	222
G1.5	R	502	113	G3.5	R	696	156
	E	220	162		E	306	225
G1.6	R	515	116	G3.6	R	704	158
	E	226	166		E	309	228
G1.7	R	528	119	G3.7	R	712	160
	E	232	171		E	313	231
G1.8	R	541	122	G3.8	R	721	162
	E	237	175		E	317	233
G1.9	R	554	125	G3.9	R	729	164
	E	243	179		E	320	236
G2	R	567	127	G4	R	737	166
	E	249	184		E	324	239

GENERALIZED PERFORMANCE CURVE-CELL FENDER

— Reaction --- Energy



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